

# 2018 Current Fiscal Year Report: National Institute of General Medical Sciences Initial Review Group

Report Run Date: 06/05/2019 11:44:07 AM

## 1. Department or Agency

Department of Health and Human Services

## 2. Fiscal Year

2018

## 3. Committee or Subcommittee

National Institute of General Medical Sciences Initial Review Group

## 3b. GSA Committee No.

820

## 4. Is this New During Fiscal Year?

No

## 5. Current Charter

12/01/1987

## 6. Expected Renewal Date

## 7. Expected Term Date

## 8a. Was Terminated During Fiscal Year?

No

## 8b. Specific Termination Authority

## 8c. Actual Term Date

## 9. Agency Recommendation for Next Fiscal Year

Continue

## 10a. Legislation Req to Terminate?

Not Applicable

## 10b. Legislation Pending?

Not Applicable

## 11. Establishment Authority Authorized by Law

## 12. Specific Establishment Authority

42 U.S.C. 282(b)(16)

## 13. Effective Date

11/20/1985

## 14. Committee Type

Continuing

## 14c. Presidential?

No

## 15. Description of Committee Grant Review Committee

## 16a. Total Number of Reports

No Reports for this Fiscal Year

## 17a. Open 0 17b. Closed 12 17c. Partially Closed 0 Other Activities 0 17d. Total 12 Meetings and Dates

Purpose	Start	End
NIH Peer Review	11/09/2017	- 11/10/2017
NIH Peer Review	11/13/2017	- 11/14/2017
NIH Peer Review	11/16/2017	- 11/17/2017
NIH Peer Review	11/16/2017	- 11/17/2017
NIH Peer Review	03/02/2018	- 03/02/2018
NIH Peer Review	03/12/2018	- 03/13/2018
NIH Peer Review	03/15/2018	- 03/16/2018
NIH Peer Review	04/09/2018	- 04/09/2018
NIH Peer Review	06/18/2018	- 06/19/2018
NIH Peer Review	06/21/2018	- 06/22/2018
NIH Peer Review	06/25/2018	- 06/26/2018
NIH Peer Review	07/16/2018	- 07/17/2018

Number of Committee Meetings Listed: 12

Current FY

Next FY

<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$127,200.00	\$127,200.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$725,287.00	\$739,067.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$6,200.00	\$6,200.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$335,314.00	\$341,042.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$12,203.00	\$12,398.00
<b>18c. Other(rents,user charges, graphics, printing, mail, etc.)</b>	\$28,810.00	\$29,387.00
<b>18d. Total</b>	\$1,235,014.00	\$1,255,294.00
<b>19. Federal Staff Support Years (FTE)</b>	5.00	5.00

**20a. How does the Committee accomplish its purpose?**

Section 492 of the PHS Act states that The Secretary...shall by regulation require appropriate technical and scientific peer review of-- (A) applications...; and (B) biomedical and behavioral research and development contracts.... This committee is composed of recognized biomedical and/or behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review of highly scientific and technical research grant applications in the fields of cellular, molecular, and developmental biology; biochemistry, biophysics, microbiology, neurobiology, pathology, physiology, and genetics. During this reporting period the committee reviewed 305 applications requesting \$912,164,790.

**20b. How does the Committee balance its membership?**

The members of this committee are authorities knowledgeable in the fields of cellular, molecular, and developmental biology; the disciplines of biochemistry, biophysics, microbiology, neurobiology, pathology, physiology, and genetics.

**20c. How frequent and relevant are the Committee Meetings?**

This Committee held 12 meetings during this reporting period. Members also participated in other committee activities, such as working group meetings, throughout the fiscal year.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

This committee is composed of recognized biomedical and/or behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review of highly scientific and technical research grant applications and contract proposals. These evaluations and recommendations cannot be obtained

from other sources because the specialized, complex nature of the applications and proposals requires a unique balance and breadth of expertise which is not available on the NIH staff or from other established resources.

## **20e. Why is it necessary to close and/or partially closed committee meetings?**

The meetings of this Committee were closed to the public for the review of grant applications. Sections 552b(c)(4) and 552b(c)(6) of the Government in the Sunshine Act permit the closing of meetings where discussion could reveal confidential trade secrets or commercial property such as patentable material and personal information, the disclosure of which would constitute a clearly unwarranted invasion of personal privacy.

## **21. Remarks**

This committee did not produce any public reports. The DFO and the Committee Decision Maker positions are held by the same individual because of delegations of authority and assignments in this Institute. Zip Codes: Due to the large number of members associated with this committee, NIH staff are unable to provide individual zip codes for all members. Current individual meeting rosters, including zip codes are available on line at <https://public.era.nih.gov/pubroster/>.

## **Designated Federal Officer**

Sally Lee EXECUTIVE OFFICER

<b>Committee Members</b>	<b>Start</b>	<b>End</b>	<b>Occupation</b>	<b>Member Designation</b>
BENOVIC, JEFFREY	07/01/2014	06/30/2018	PROFESSOR AND CHAIR	Peer Review Consultant Member
BERTRAND, RALPH	07/24/2012	06/30/2018	PROFESSOR OF MOLECULAR BIOLOGY	Peer Review Consultant Member
BIGIO, IRVING	08/29/2018	06/20/2020	PROFESSOR	Peer Review Consultant Member
BOGENMANN, EMIL	07/01/2018	06/30/2021	PROFESSOR	Peer Review Consultant Member
BRAZILL, DERRICK	07/01/2017	06/30/2019	PROFESSOR	Peer Review Consultant Member
BROWN, LISA	07/01/2015	06/30/2019	ASSOCIATE CHAIR AND ASSOCIATE PROFESSOR	Peer Review Consultant Member
CASPARY, TAMARA	07/01/2015	06/30/2019	ASSOCIATE PROFESSOR	Peer Review Consultant Member
CHAZIN, WALTER	09/06/2016	06/20/2020	PROFESSOR	Peer Review Consultant Member
CHRISTINI, DAVID	07/01/2014	06/30/2019	PROFESSOR, ASSOCIATE DEAN	Peer Review Consultant Member
COLON-CARMONA, ADAN	07/01/2013	06/30/2018	ASSOCIATE PROFESSOR	Peer Review Consultant Member
CRAIK, CHARLES	01/25/2018	01/26/2018	PROFESSOR	Peer Review Consultant Member
DIZIO, PAUL	07/01/2014	06/30/2018	ASSOCIATE PROFESSOR	Peer Review Consultant Member
DUVOISIN, ROBERT	07/01/2014	06/30/2018	PROFESSOR	Peer Review Consultant Member

EATOCK, RUTH	07/01/2014	06/30/2018	PROFESSOR OF NEUROBIOLOGY	Peer Review
				Consultant Member
FALKE, JOSEPH	08/22/2013	06/30/2019	PROFESSOR OF CHEMISTRY AND BIOCHEMISTRY	Peer Review
				Consultant Member
FOX, BRIAN	07/01/2017	06/30/2020	PROFESSOR AND CHAIR	Peer Review
				Consultant Member
FRANTZ, KYLE	07/01/2016	06/30/2020	PROFESSOR	Peer Review
				Consultant Member
FULLER, ROBERT	07/01/2014	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
FUSE, MEGUMI	07/01/2017	06/30/2019	PROFESSOR	Peer Review
				Consultant Member
GIMOTTY, PHYLLIS	07/01/2015	06/30/2019	PROFESSOR, CORE DIRECTOR BIOSTATISTICS	Peer Review
				Consultant Member
GLICK, BENJAMIN	07/01/2018	06/30/2021	PROFESSOR	Peer Review
				Consultant Member
GOINS, GREGORY	07/01/2017	06/30/2021	PROFESSOR OF BIOLOGY	Peer Review
				Consultant Member
HALL, DAVID	09/07/2016	06/30/2019	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
HANNINK, MARK	07/24/2012	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
HARRINGTON, MELISSA	07/01/2017	06/30/2018	PROFESSOR OF BIOLOGY	Peer Review
				Consultant Member
HARRIS, MICHAEL	07/01/2014	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
HASSON, TAMA	07/01/2014	06/30/2018	ASSISTANT VICE PROVOST FOR UNDERGRADUATE RESEARCH	Peer Review
				Consultant Member
HORWITZ, MARSHALL	07/01/2015	06/30/2019	PROFESSOR	Peer Review
				Consultant Member
HUANG, KERWYN	07/01/2017	06/30/2020	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
HUANG, LINDA	07/01/2014	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
HU, WEI-SHOU	08/31/2016	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
INGRAM, JANI	07/01/2014	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
ISAYA, GRAZIA	07/01/2014	06/30/2018	CONSULTANT AND PROFESSOR	Peer Review
				Consultant Member
JACKSON, TRACHETTE	07/25/2013	06/30/2019	PROFESSOR	Peer Review
				Consultant Member
JULIAN, DAVID	07/01/2017	06/30/2021	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
KEIL, RALPH	07/01/2014	06/30/2018	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
KIN, NICHOLAS	07/05/2016	06/30/2020	ASSOCIATE DEAN	Peer Review
				Consultant Member
KRAMER, SUNITA	07/01/2014	06/30/2018	ASSOCIATE DEAN OF ACADEMIC AFFAIRS	Peer Review
				Consultant Member
LAZAZZERA, BETH	09/06/2016	06/30/2018	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
LEE, MARK	07/01/2017	06/30/2018	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
LEE, STEVEN	07/14/2016	06/30/2020	ASSISTANT DEAN OF DIVERSITY & INCLUSION	Peer Review
				Consultant Member
LIEM, RONALD	07/01/2015	06/30/2019	PROFESSOR	Peer Review
				Consultant Member

LIN, XIHONG	07/01/2017	06/30/2019	PROFESSOR OF BIOSTATISTICS	Peer Review
				Consultant Member
LUSETTI, SHELLEY	07/01/2014	06/30/2018	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
LYNCH, KEVIN	07/16/2018	07/17/2018	PROFESSOR	Peer Review
				Consultant Member
MACKEY, ZACHARY	11/09/2017	11/10/2017	ASSISTANT PROFESSOR	Peer Review
				Consultant Member
MARRIOTT, SUSAN	09/02/2016	06/20/2020	PROFESSOR	Peer Review
				Consultant Member
MCEVOY, MEGAN	07/01/2013	06/30/2019	ASSOCIATE PROFESSOR OF CHEMISTRY AND BIOCHEMISTRY	Peer Review
				Consultant Member
MILLER, WILLIAM	07/01/2017	06/30/2019	PROFESSOR OF CHEMICAL & BIOLOGICAL ENGINEERING	Peer Review
				Consultant Member
MIRANKER, ANDREW	09/01/2016	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
O'BANION, M	07/01/2017	06/30/2019	PROFESSOR AND VICE CHAIR	Peer Review
				Consultant Member
ORTIZ, BENJAMIN	07/01/2016	06/30/2018	VICE CHAIR AND PROFESSOR	Peer Review
				Consultant Member
POHL, NICOLA	07/01/2017	06/30/2019	PROFESSOR OF CHEMISTRY	Peer Review
				Consultant Member
POOLE, LESLIE	07/01/2014	06/30/2018	PROFESSOR AND DIRECTOR	Peer Review
				Consultant Member
RAO, RAJINI	07/01/2017	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
ROMAN, DAVID	09/07/2016	06/30/2020	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
SAMPSON, NICOLE	08/16/2013	06/30/2019	PROFESSOR AND CHAIR OF CHEMISTRY	Peer Review
				Consultant Member
SCHIMMENTI, LISA	07/01/2017	06/30/2021	PROFESSOR OF PEDIATRICS	Peer Review
				Consultant Member
SCHWIEBERT, LISA	08/31/2016	06/30/2020	PROFESSOR	Peer Review
				Consultant Member
SEKELSKY, JEFF	07/01/2017	06/30/2020	PROFESSOR OF BIOLOGY AND OF GENETICS	Peer Review
				Consultant Member
SERIO, TRICIA	08/30/2016	06/20/2020	PROFESSOR AND HEAD	Peer Review
				Consultant Member
SHASHIKANT, COODUVALLI	07/01/2014	06/30/2018	ASSOCIATE PROFESSOR OF MOLECULAR AND DEVELOPMENTAL BIOLOGY	Peer Review
				Consultant Member
SHAULSKY, GAD	07/01/2014	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
SHIMIZU, YOJI	08/30/2018	06/20/2020	PROFESSOR	Peer Review
				Consultant Member
SINCLAIR, KA'IMI	10/12/2017	10/13/2017	ASSISTANT PROFESSOR	Peer Review
				Consultant Member
STREET, NANCY	08/17/2016	06/30/2020	ASSISTANT PROFESSOR AND ASSOCIATE DEAN	Peer Review
				Consultant Member
SUBRAMANIAM, SHANKAR	11/16/2017	11/17/2017	PROFESSOR	Peer Review
				Consultant Member
SULIKOWSKI, GARY	07/01/2015	06/30/2018	STEVENSON PROFESSOR OF CHEMISTRY	Peer Review
				Consultant Member
THORNTON, TIMOTHY	09/06/2016	06/30/2018	ASSOCIATE PROFESSOR	Peer Review
				Consultant Member
TSIRKA, STYLIANI-ANNA	07/01/2014	06/30/2018	PROFESSOR	Peer Review
				Consultant Member
VEGA-BERMUDEZ, ESTHER	07/01/2013	06/30/2019	PROFESSOR	Peer Review
				Consultant Member

VINCES, MARCELO	07/01/2015	06/30/2019	DIRECTOR, SCIENCE LEARNING CENTER	Peer Review
				Consultant Member
WALDEN, WILLIAM	07/01/2014	06/30/2018	PROFESSOR/ASSOCIATE DEAN	Peer Review
				Consultant Member
WATSON, CORNELIUS	07/01/2015	06/30/2019	ASSOCIATE PROFESSOR OF BIOLOGY	Peer Review
				Consultant Member
WEINSTEIN, STEVEN	07/01/2015	06/30/2019	ASSOCIATE PROFESSOR OF BIOLOGY	Peer Review
				Consultant Member
YIN, HELEN	11/13/2017	11/14/2017	PROFESSOR	Peer Review
				Consultant Member

**Number of Committee Members Listed: 76**

## Narrative Description

The goal of NIH research is to acquire new knowledge to help prevent, detect, diagnose, and treat disease and disability, from the rarest genetic disorder to the common cold. The NIH mission is to uncover new knowledge that will lead to better health for everyone. NIH works toward that mission by supporting the research of non-Federal scientists in universities, medical schools, hospitals, and research institutions throughout the country and abroad. Section 492 of the PHS Act states that The Secretary...shall by regulation require appropriate technical and scientific peer review of -- (A) applications; and (B) biomedical and behavioral research and development contracts. This committee will be composed of recognized biomedical and behavioral research authorities who represent the forefront of research and technical knowledge and who provide first-level merit review of highly scientific and technical research grant applications and/or contract proposals. These evaluations and recommendations can not be obtained from other sources because the specialized, complex nature of the applications and proposals requires a unique balance and breadth of expertise not available on the NIH staff or from other established sources.

## What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input type="checkbox"/>
Trust in government	<input type="checkbox"/>
Major policy changes	<input type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input type="checkbox"/>
Increased customer satisfaction	<input type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input type="checkbox"/>

## Outcome Comments

NA

**What are the cost savings associated with this committee?**

Checked if Applies

- |                            |                                     |
|----------------------------|-------------------------------------|
| None                       | <input type="checkbox"/>            |
| Unable to Determine        | <input checked="" type="checkbox"/> |
| Under \$100,000            | <input type="checkbox"/>            |
| \$100,000 - \$500,000      | <input type="checkbox"/>            |
| \$500,001 - \$1,000,000    | <input type="checkbox"/>            |
| \$1,000,001 - \$5,000,000  | <input type="checkbox"/>            |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/>            |
| Over \$10,000,000          | <input type="checkbox"/>            |
| Cost Savings Other         | <input type="checkbox"/>            |

**Cost Savings Comments**

NIH supported basic and clinical research accomplishments which often take many years to unfold into new diagnostic tests and new ways to treat and prevent diseases.

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

2,843

**Number of Recommendations Comments**

Grant review

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

0%

**% of Recommendations Fully Implemented Comments**

NIH Peer Review Committees are involved in the initial review of research grant applications. The NIH dual peer review system is mandated by statute in accordance with section 492 of the Public Health Service Act. The charge to this committee is to determine scientific and technical merit of the individual grants or contracts. These recommendations are forwarded to Federal officials who generally accept the committee's recommendations and favorable applications are then forwarded for the second level of review performed by Institute and Center (IC) National Advisory Councils or Boards. Only applications that are favorably recommended by both the initial peer review committee and the Advisory Council may be recommended for funding.

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

0%

**% of Recommendations Partially Implemented Comments**

NIH Peer Review Committees are involved in the initial review of research grant applications. The NIH dual peer review system is mandated by statute in accordance with section 492 of the Public Health Service Act. The charge to this committee is to determine scientific and technical merit of the individual grants or contracts. These recommendations are forwarded to Federal officials who generally accept the committee's recommendations and favorable applications are then forwarded for the second level of review performed by Institute and Center (IC) National Advisory Councils or Boards. Only applications that are favorably recommended by both the initial peer review committee and the Advisory Council may be recommended for funding.

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes ☐ No ☐ Not Applicable ☒

**Agency Feedback Comments**

NA

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

**Action Comments**

An action of "approved" or "recommended" for grants receiving initial peer review by this committee does not infer that the grant will be or has been funded. Research grant applications submitted to NIH must go through a two-step review process that includes the initial peer review for scientific and technical merit and a second step of review and approval by a National Advisory Council for program relevance. In addition, prior to an



award or funding being made, NIH staff must conduct an administrative review for a number of other considerations. These include alignment with NIH's funding principles, review of the project budget, assessment of the applicant's management systems, determination of applicant eligibility, and compliance with public policy requirements. After all these steps have been completed, NIH officials make funding decisions on individual grant applications.

**Is the Committee engaged in the review of applications for grants?**

Yes

What is the estimated Number of grants reviewed for approval 305

What is the estimated Number of grants recommended for approval 305

What is the estimated Dollar Value of grants recommended for approval \$912,164,790

**Grant Review Comments**

NA

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

Contact DFO ☒

Online Agency Web Site ☒

Online Committee Web Site ☒

Online GSA FACA Web Site ☒

Publications ☐

Other ☐

**Access Comments**

N/A